

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>In re application of:</b> William R. Belknap et al.	<b>Assignee:</b> International Business Machines Corporation
<b>Serial No.:</b> Unassigned	<b>Group No.:</b> Unassigned
<b>Filed:</b> June 29, 2001	<b>Examiner:</b> Unknown
<b>Title:</b> SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS TO FACILITATE EFFICIENT TRANSMISSION AND PLAYBACK OF DIGITAL INFORMATION	

1002 U.S. PRO

09/895055



INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION  
(37 CFR 1.97(b))

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Pursuant to Section 707.05(b) of the MPEP and 37 CFR 1.97-1.99, a copy is herewith submitted (attached to form PTO-1449, Rev. 7-80) of prior art which is considered to be pertinent to the invention as claimed in the above-identified application.

It is requested that the Examiner fully consider the art cited, initial the leftmost column of the attached PTO Form 1449 adjacent each cited reference, and return a copy of the Form 1449 for applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

The citation of the above references should not be construed as a representation that an exhaustive search has been made, or that other, more pertinent art is not available. Nor does this statement constitute an admission by applicant or applicants' attorney that the information provided herein is necessarily prior art to applicants' invention. Moreover, applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references.

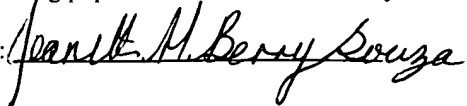
The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or before the mailing date of a first Office Action on the merits, whichever occurs last. 37 CFR 1.97(b).

**Express Mail Certificate**

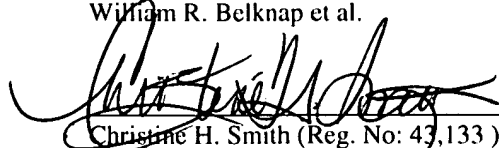
I hereby certify that the above paper/fee is being deposited with The United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Commissioner for Patents, Washington, DC 20231

Date of Deposit: **June 29, 2001**

Person Mailing paper/fee: **Jeanette H. Berry Souza**

Signature: 

Respectfully submitted,  
William R. Belknap et al.



Christine H. Smith (Reg. No: 43,133)

Attorney/Agent for Applicant(s)

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International Business Machines Corporation

Intellectual Property Law (J46/G4)

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<b>Form PTO-1449</b> <b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)		<b>Attorney Docket No.</b> SVL920010056US1	<b>Serial No.</b> Unassigned
		<b>Applicant:</b> William R. Belknap, et al.	
		<b>Filing Date:</b> June 29, 2001	<b>Group Art Unit:</b> Unknown

11002 U.S. PTO  
 09/895055  
 06/29/01

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
	AA	5734784	03/31/98	Tsinberg et al.	386	81	06/06/95
	AB	5740307	04/14/98	Lane	386	68	11/15/96
	AC	5742347	04/21/98	Kandlur et al.	348	426	01/24/96
	AD	5774186	06/30/98	Brodsky et al.	348	553	06/04/96
	AE	5778143	07/07/98	Boyce	386	111	087/30/94
	AF	5790177	08/04/98	Kassatly	348	13	05/25/95

FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
CA	<a href="http://www.erg.abdn.ac.uk/public_html/research/future-net/digital-video/mpeg2-dec.html">http://www.erg.abdn.ac.uk/public_html/research/future-net/digital-video/mpeg2-dec.html</a> ; MPEG-2 Encoders and Decoders. ✓
CB	<a href="http://www.cselt.it/mpeg/">http://www.cselt.it/mpeg/</a> ; MPEG Homepage. ✓
CC	<a href="http://www.jpeg.org/public/jpeghomepage.htm">http://www.jpeg.org/public/jpeghomepage.htm</a> ; Official JPEG Homepage. ✓
CD	Andrew S. Tanenbaum, <i>Computer Networks</i> , Third Edition, Prentice Hall PTR, Upper Saddle River, NJ 07458, pp. 734-742, ISBN 0-13-349945-6 ✓
CE	Wallapak Tavanapong, Kien A. Hua, James Z. Wang, <i>A Framework for Supporting Previewing and VCR Operations in a Low Bandwidth Environment</i> , pp. 303-311. ACM 0-89791-991-2/97/11.S3.50. ✓
CF	USPTO Patent Application # 09/295,076, D. Petkovic, et al., "System and Method for Linking an Audio Stream with Accompanying Test Material", filed 20 April, 1999. ✓

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant (s).

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		<b>Filing Date:</b> June 29, 2001		<b>Group Art Unit:</b> Unknown	

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-class	Filing Date
	AG	5841939	11/24/98	Takahashi et al.	386	68	02/27/97
	AH	5861890	01/19/99	Sakai et al.	345	433	07/11/96
	AI	5887110	03/23/99	Sakamoto et al.	386	68	03/28/96
	AJ	5926208	07/20/99	Noonen et al.	348	17	09/06/96
	AK	5960150	09/28/99	Ueda et al.	386	68	07/29/97
	AL	6014706	01/11/00	Cannon et al.	709	231	03/14/97
	AM	6049769	04/11/00	Holmes et al.	704	278	12/09/97

FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub-class	Translation Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

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